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TITLE: Control device and method for improvement of  
braking force of brake

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PATENT-FAMILY:

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APPLICATION-DATA:

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ABSTRACTED-PUB-NO: KR2003089858A

BASIC-ABSTRACT:

NOVELTY - A control device and method for improvement of braking force of a brake are provided to stabilize braking force of the vehicle by restricting noise at low temperature and keeping constant friction at normal temperature with detecting the temperature of a brake lining pad.

DETAILED DESCRIPTION. - A control device for improvement of braking force of a brake comprises a vehicle state detecting unit(100) detecting temperature of a friction material, an engine idle switch and engine rpm according to the

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vehicle state; an engine control unit(200) deciding starting or the idle state of the engine by receiving friction material temperature, the engine idle switch and the engine rpm, and outputting the setting temperature of the friction material; a temperature control unit(300) comparing the actual temperature of the friction material with the predetermined temperature from the engine control unit in deciding the idle state of the engine in starting, and outputting a control signal for heating the heating member in case of the temperature of the friction material to be less than the predetermined temperature; and a hot wire driving unit(400) heating the heating member corresponding to the control signal from the temperature control unit.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: CONTROL DEVICE METHOD IMPROVE BRAKE FORCE BRAKE

DERWENT-CLASS: Q63 T06 X22

